

# Installation Instructions and Verification Procedure

## WeatherTRAK FlowShare

The WeatherTRAK FlowShare device allows sharing of single master valve and flow sensor between two controllers. The device can be collocated with one of the controllers or installed remotely in the master valve or flow sensor valve box. For possible deployment options please visit **WeatherTRAK FlowLink Support Web page** at: [www.weathertrak.com/support/flowshare](http://www.weathertrak.com/support/flowshare)



## WeatherTRAK FlowShare Installation Instructions

- Designate one controller as a controller A, the second one will be controller B

### Controller A connections

- Locate set of wires on the FlowShare identified as a controller A connections
- Connect Blue, White, Red, and Black wire following information in table below

WIRE COLOR	CONTROLLER CONNECTION
BLUE	Master Valve
WHITE	Valve Common
RED	Flow ( + )
BLACK	Flow ( - )

- Connect Blue and White FlowShare output wires to the Master Valve Field Wires
- Run the Valve Test on the WeatherTRAK controller to verify connectivity

### Controller B connections

- Connect Blue, White, Red, and Black wire following information in the table above
- Run the Valve Test on the WeatherTRAK controller to verify connectivity
- Connect Red and Black FlowShare output wires to the Flow Sensor Field Wires
- If this is Normally Closed Master Valve configuration you have completed your FlowShare installation
- Proceed to **WeatherTRAK FlowShare Operation Verification** section below.

### Normally Open Master Valve Configuration (optional)

- Configure controller A with a Pump Start station
- Connect Green and White FlowShare wire to controller A Pump Station terminal as listed below.

WIRE COLOR	CONTROLLER CONNECTION
GREEN	Pump Station
WHITE	Valve Common

### WeatherTRAK FlowShare Operation Verification

- Verify each controller irrigation and flow operations
- Set Mainline Break and Leak Detect Thresholds
- Execute Learn Flow from each controller consecutively

### WeatherTRAK FlowShare Troubleshooting

- Check that controller A and B Water Windows are not overlapping
- If master valve doesn't operate correctly verify wire colors and their connection to the controller
- If master valve operates correctly but flow doesn't verify Red and Black wires connections and flow settings on both controllers